

SWOSU Faculty Present Research at American Chemical Society Meeting

04.16.2010

SWOSU student Brett Baker and assistant professor Dr. Douglas Linder presented research on H₂O Proton Dissociation Energies of Zn(II) Complexes at the recent 55th annual pentasectional meeting of the American Chemical Society held in Norman.

Student Crystal Mars and Dr. Curt Woolever presented their research on Differential Pulse Anodic Stripping Voltammetry (DPASV) for the Detection of Barium from Oil Well Water.

Several SWOSU Department of Chemistry and Physics faculty participated in the recent 55th annual pentasectional meeting of the American Chemical Society held in Norman.

Dr. Curt Woolever, Dr. Douglas Linder, Dr. Timothy Hubin and Dr. David E. Martyn all presented research at the meeting. The faculty were assisted by various SWOSU students. Presentations included:

- Differential Pulse Anodic Stripping Voltammetry (DPASV) for the Detection of Barium from Oil Well Water by Crystal Mars and Dr. Curt A. Woolever
- H₂O Proton Dissociation Energies of Zn(II) Complexes by Brett Baker and Dr. Douglas Linder
- Bio-Coordination Chemistry: Transition Metal CXCR4 Antagonists by Amy N. Cain, Orry C. Birdsong, Kimberly D. Roewe, Courtney D. Garcia, Desiray J. Cannon and Dr. Timothy J. Hubin
- Phenylamine Functionalization of Single-Wall Carbon Nanotubes by Logan D. Howard, Shelby C. Josefy, Natalie C. Simpson and Dr. David E. Martyn

The meeting held in Norman was attended by people in Oklahoma, Kansas, Arkansas and Texas. The meeting consists of all areas of chemistry including: analytical/physical, biochemistry, organic, inorganic, & chemical education. Symposia in Biofuels, NMR, X-Ray Crystallography, Nanotechnology, Pharmacology/Natural Products and the Oklahoma Structural Biology Nexus were part of the program.